

Learning Data Systems: The Practice and the Promise

Stacy Baker, MSEd
Director, Workforce Development & Health Improvement
Public Health Foundation
Washington, DC
sbaker@phf.org
202-898-5600

Goals

- 1. Discuss the important role of coordinated learning data for public health information systems and emergency preparedness
- 2. Describe applications of learning management system (LMS) technology
- 3. Divert your thoughts of lunch with a quiz



In an emergency event, we have a system to identify which public health personnel from surrounding jurisdictions are trained to respond, and contact them.





True or False?

We know the current availability and gaps in training—at the national, state, and local levels—to assure a competent workforce.





True or False?

For a given public health topic, we know how many workers have received training.





True or False?



Rob is the winner of Survivor 6: The Amazon.





We need a nationwide, coordinated learning data system to...

- answer these questions
- support and expedite preparedness training
- understand and improve performance

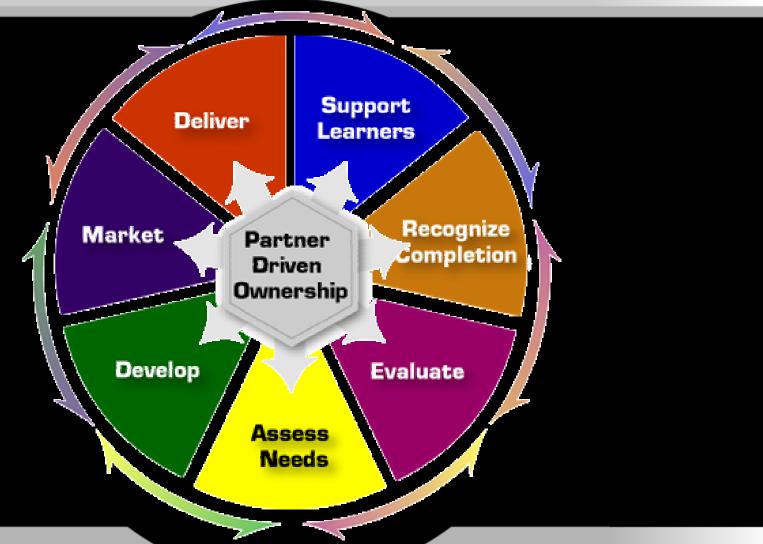
Learning Management Systems (LMSs) offer essential information for public health practice

But what do they do? What exists in public health? Where are we going?

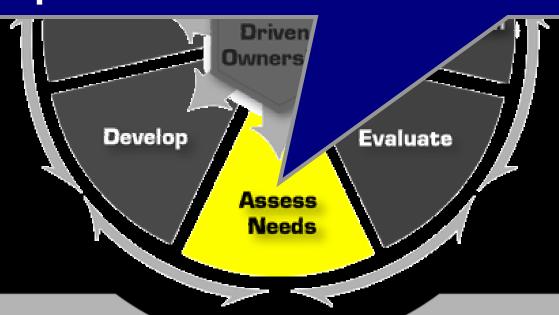
PHTN Public Health Training Distance Learning System _____.

Network

www.phppo.cdc.gov/phtn

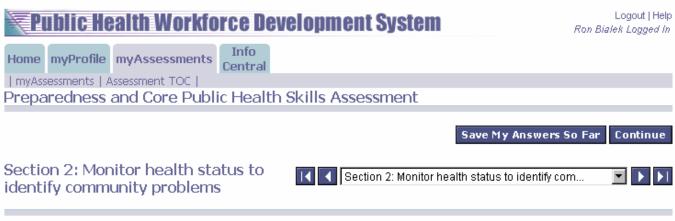


- Analyzing needs for training
- Prioritizing program and product development



Competency-based Self-Assessment

North Carolina Public Health Workforce Development System University of North Carolina at Chapel Hill, School of Public Health



This section is related to activities that employees of public health agencies carry out in order to monitor the health status of the community. Please tell us how important each of these activities is to your job, and the level of need you have for more training to do this activity. Training can include workshops, classroom-based courses, on-line courses, self-study materials, or seminars.

	How important is this skill to your job?	Your level of need for training:
A) Be aware of amount of each important health problem in your community.	C 1-Low C 2 C 3 @ 4-High	• 1-Low ○ 2 ○ 3 ○ 4-High
B) Use reports from disease surveillance or vital registry systems to identify important health issues in your community.	C1-Low C2 C3 €4-High	C1-Low C2 €3 C4-High
 C) Determine appropriate uses and limitations or gaps of existing health data for your community. 	C1-Low C2 €3 C4-High	C1-Low C2 €3 C4-High
D) Conduct community assessments including identifying needs, assets and priorities.	C1-Low €2 C3 C4-High	€ 1-Low C 2 C 3 C 4-High
Communicate with other agencies to identify new disease cases in your community.	C1-Low C2 C3 €4-High	C1-Low C2 C3 €4-High
Recognize a disease outbreak in your community or nearby communities	C1-Low C2 C3 €4-High	C1-Low C2 €3 C4-High



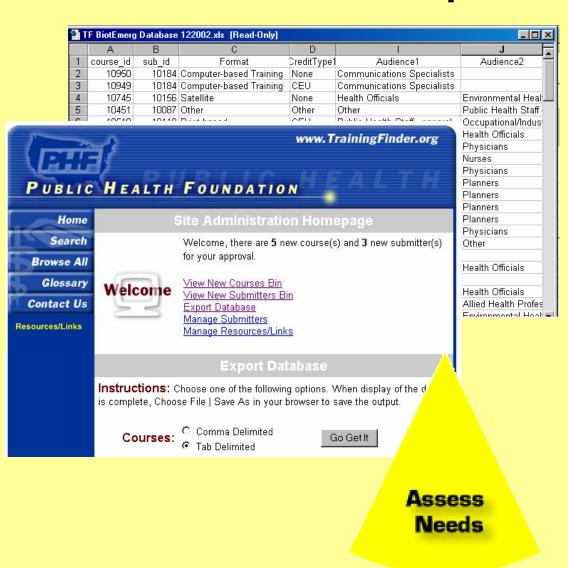
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Assessment of Available Courses and Gaps

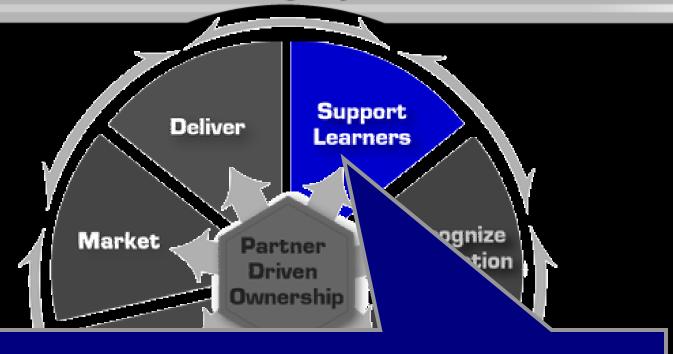
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Example:

Database of nationally available bioterrorism and emergency preparedness distance learning courses



Test Site 12



- Online catalog and registration
- Access to experts, discussions, and materials

Participant Services

PHTN Online, www.phppo.cdc.gov/phtnonline Centers for Disease Control and Prevention



CDC Home

Search

Health Topics A-Z

Training and Continuing Education Online

hosted by the Public Health Training Network



PARTICIPANT SERVICES

Welcome participant, Stacy Baker. This is where you register for CDC-managed courses and track your progress online.







TIP: Changes to this page have been made. To see your courses click "Evaluations and Tests".

Yo Support Learners



▶ Home

▶ Participant Services

Evaluations
and Tests
for scheduled
courses

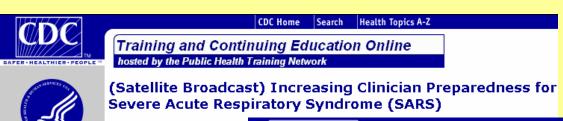
Search & Register

PHTN Online, www.phppo.cdc.gov/phtnonline Centers for Disease Control and Prevention



Health Topics A-Z

Details Register



▶ Home

▶ Participant Services

▶ Site Administration

▶ COMMENTS



This broadcast will provide in Acute Respiratory Syndrome diagnosis, and containment patient education will also be

Site Registration is now or

Site Administrators/Facilitate to locate a viewing site.

Participant registration ar 8, 2003 to June 8, 2003.





b Home

D Search

Participant Services

Site Administration

b Help

D COMMENTS



CDC Home

Search

hosted by the Public Health Training Network

Viewing Site Sullivan County Health Dept.

Blountville TN

City/State

Available Sites for Tennessee

If you do not see your site listed below, Click Here to register without selecting a site.

Viewing Site	Le Bonheur Children's Medical Center	<u>Details</u>	<u>Register</u>
City/State	Memphis, TN		
Seating	200		
Viewing Site	Memphis Shelby County Health Department	<u>Details</u>	<u>Register</u>
City/State	Memphis, TN		
Seating	50		

Class Schedule

Washington Public Health Training Network, www.doh.wa.gov/waphtn/



W A P H T N Washington Public Health Training Network



You are here: DOH Home >> WAPHTN

Search | Employees

Class Schedule

To register for a class, or to see more details about a class offering, click the class name.

As of 5/9/03 8:09:48 AM

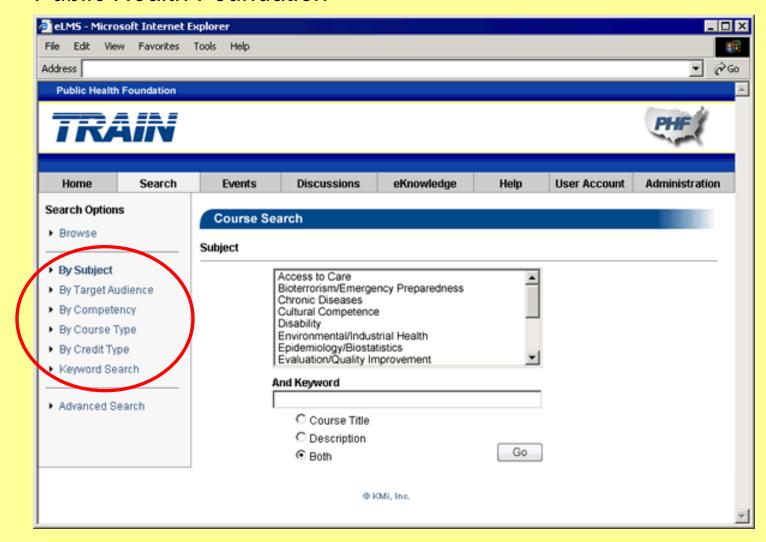
This Month		
Start Date/Time	Class Title	Available Seats

Future				
Start Date/Time Class Title		Available Seats		
6/11/03 - 9:00 AM	Core Function & Essential Services	20		
6/18/03 - 9:00 AM	Core Function & Essential Services	23		

Support Learners

Search & Register

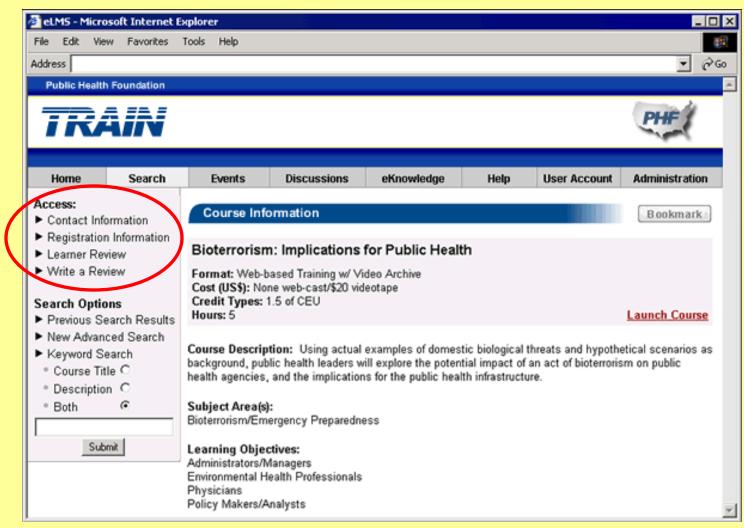
TrainingFinder Real-time Affiliate Integrated Network (TRAIN)
Public Health Foundation



Support Learners

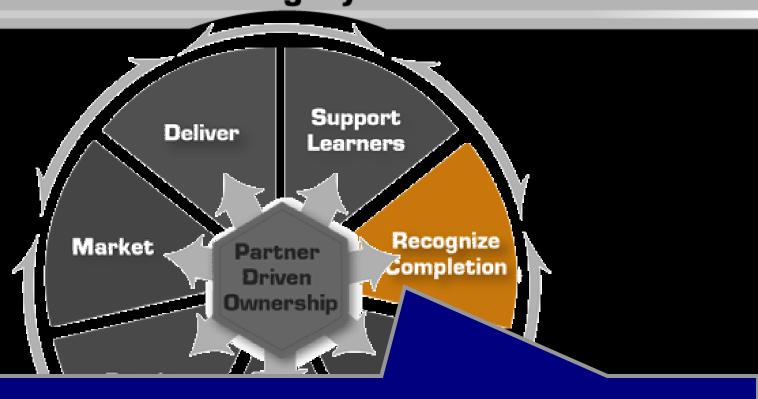
Search & Register

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Support Learners

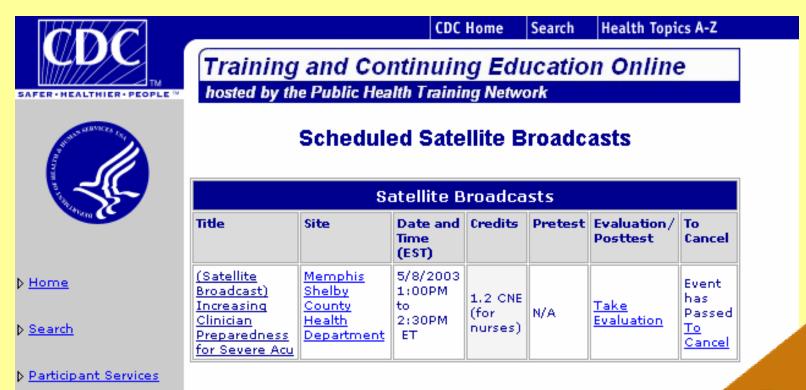
PHTN Public Health Training Network Distance Learning System WWW.phppo.cdc.gov/phtn



- Continuing education transcripts
- Credits (e.g., CME, CNE, CEU), certification, or verification of course completion

Learner Transcripts

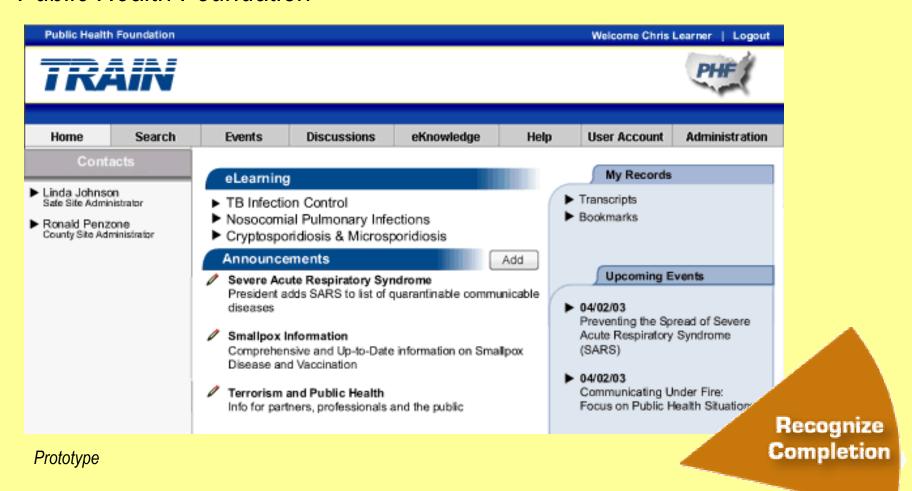
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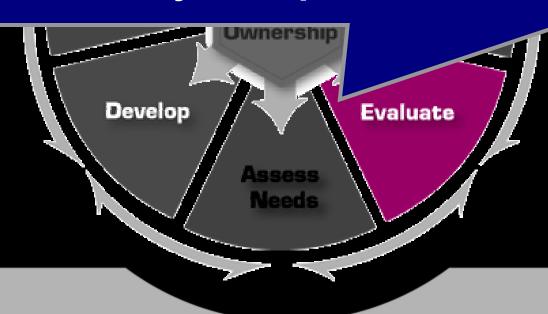
Recognize Completion

Learner Profile Page

TrainingFinder Real-Time Affiliate Integrated Network (TRAIN)
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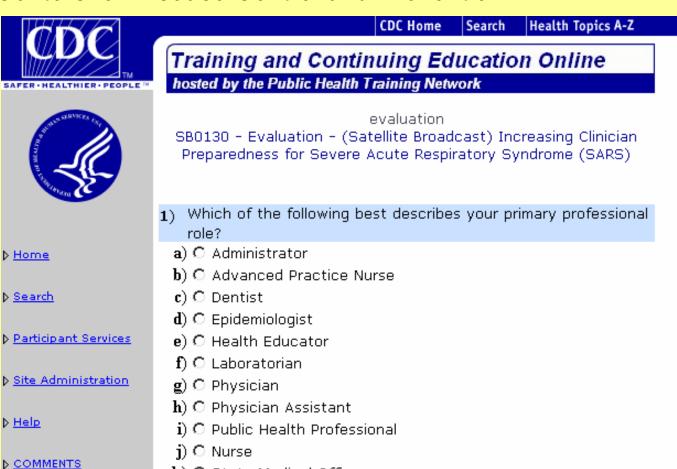
- Program
- Learning system performance
- Public health system performance



Course Evaluation System

PHTN Online, www.phppo.cdc.gov/phtnonline Centers for Disease Control and Prevention

k) O State Medical Officer.



Evaluate

Rapid Learner Satisfaction Feedback

TrainingFinder.org
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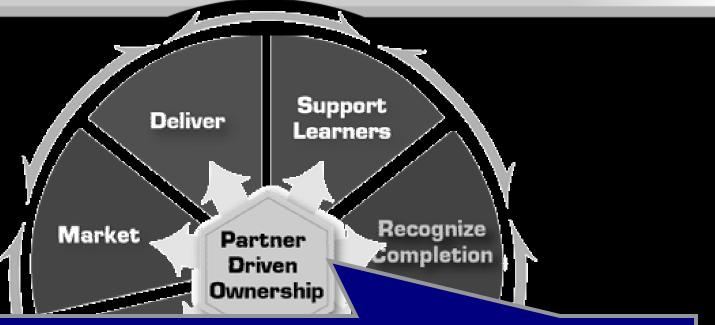
Evaluate



Sample Learner Reviews

"One of the best of the CDC courses...The case photos were very useful...I would have liked more specific info on the exact technique of vaccine administration."—Physician

"Flow of information, visuals (photographs and key points), variety of presenters, makes for keeping the viewers interest... Excellent use of government dollars." —Hospital participant



- Leadership to cultivate partners
- Coordination for planning, management
- Adopting standards and common business practices

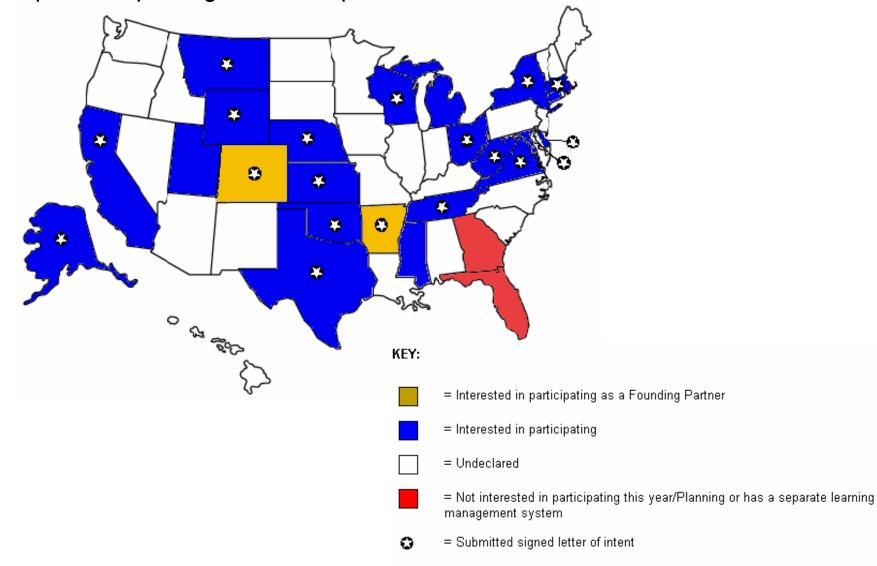


TrainingFinder Real-time Affiliate Integrated Network (TRAIN) is PHF's effort to:

- Develop a nationwide LMS for public health in coordination with CDC, HRSA, states, academic institutions, and others
- Build on the largest distance learning clearinghouse for public health professionals, TrainingFinder.org
- Ensure interoperability among over 20 participating state affiliate sites, serving the majority of the U.S. population
- Save over \$11 million in LMS costs through economy of scale, and create ongoing efficiencies in management and content

TRAIN...A Growing Network

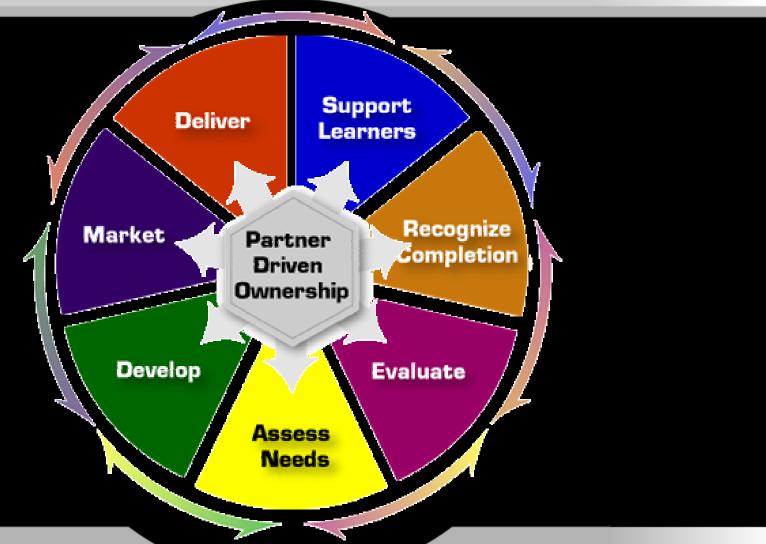
http://www.phf.org/TRAINmap.htm



PHTN Public Health Training Distance Learning System _____.



www.phppo.cdc.gov/phtn





Take home messages about Public Health Learning Data Systems

Practice

- Patchwork quilt of learning data systems
- Not able to answer at all levels
 - who is trained in what
 - gaps in content
 - relationship to performance

Promise

- Coordinated, standardsbased approach
- Many opportunities to align with PHIN
- Essential data for public health response & ongoing performance management